

**SALEM**  
**Cancer Incidence by Sex, 1993 - 1997**  
**Expected and Observed Case Counts, with Standardized Incidence Ratios**

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	23.52	29	123	Male	14.03	15	107
Female	10.47	2	NC*	Female	12.68	14	110
Total	33.99	31	91	Total	26.70	29	109
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	7.69	6	78	Male	4.30	1	NC*
Female	7.46	10	134	Female	4.62	5	108
Total	15.15	16	106	Total	8.92	6	67
<b><u>Breast</u></b>				<b><u>Non-Hodgkin's Lymphoma</u></b>			
Male	1.50	1	NC*	Male	18.79	26	138
Female	157.45	175	111	Female	18.95	18	95
Total	158.94	176	111	Total	37.74	44	117
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	10.43	9	86	Male	14.71	21	143
				Female	8.34	17	204 #+
				Total	23.05	38	165 ~+
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	59.08	58	98	Female	18.94	29	153 #+
Female	67.96	68	100				
Total	127.04	126	99				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	8.13	16	197 #+	Male	8.70	14	161
Female	3.47	5	144	Female	10.99	9	82
Total	11.59	21	181 #+	Total	19.69	23	117
<b><u>Hodgkin's Disease</u></b>				<b><u>Prostate</u></b>			
Male	4.07	8	196	Male	137.86	174	126 ~+
Female	3.49	4	NC*				
Total	7.56	12	159				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	13.15	13	99	Male	10.08	9	89
Female	9.17	9	98	Female	7.39	9	122
Total	22.32	22	99	Total	17.46	18	103
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	7.77	5	64	Male	6.19	8	129

Female	2.45	5	204			
Total	10.22	10	98			
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>		
Male	10.15	12	118	Male	2.93	3 NC*
Female	8.87	16	180 #+	Female	8.53	7 82
Total	19.01	28	147	Total	11.45	10 87
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>		
Male	4.54	6	132			
Female	2.26	0	NC*	Female	29.82	32 107
Total	6.80	6	88			
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>		
Male	73.01	93	127 #+	Male	463.27	554 120 ^+
Female	63.77	96	151 ^+	Female	505.84	580 115 ~+
Total	136.78	189	138 ^+	Total	969.10	1134 117 ^+

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels